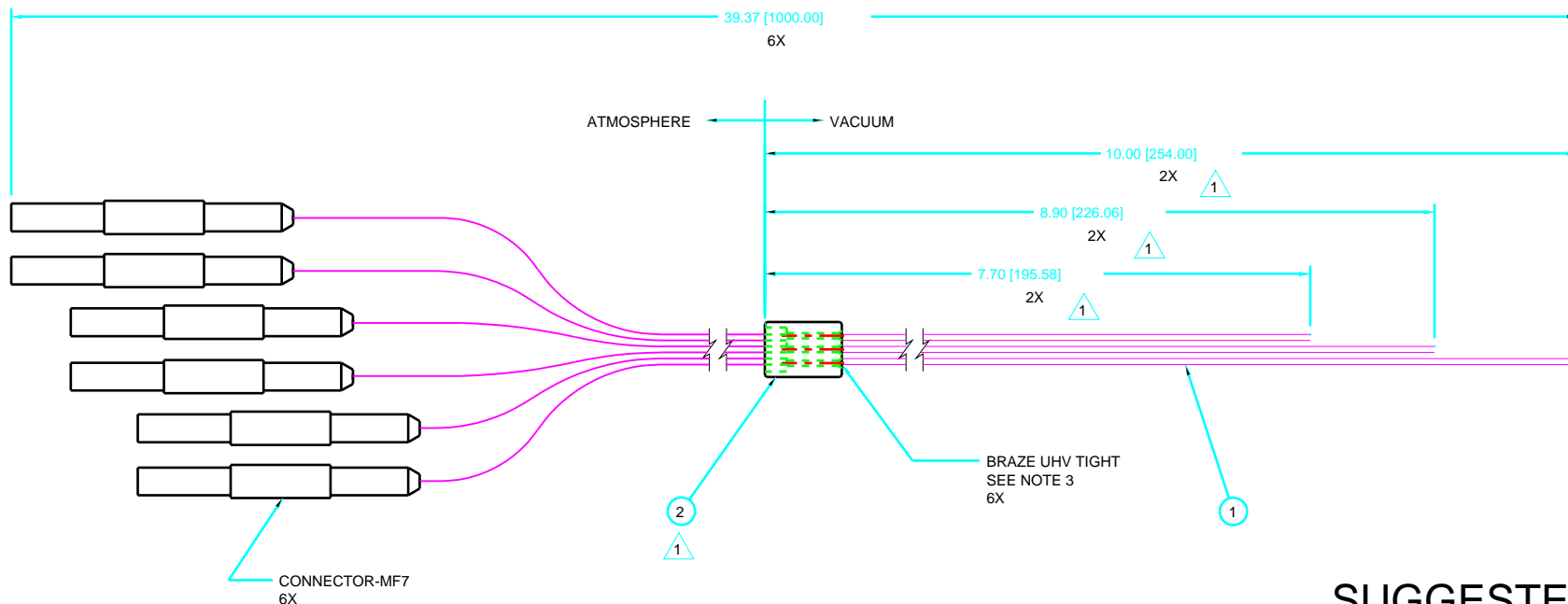


(C)

PLOT SCALE: 1=1

DWG. SCALE: 1



## SUGGESTED SOURCE:

1 PHILLIPS ELECTRONIC INSTRUMENT COMPANY  
2975 COURTYARDS DRIVE  
NORCROSS, GA. 30071  
PHONE: (404)-368-4420  
FAX: (404)-368-4450

### NOTES:

1. WHEN MACHINING VACUUM PARTS, USE OF SILICONE, SULPHUR-BASED CUTTING FLUIDS AND ABRASIVES IS PROHIBITED. USE TRIM SOL OR APPROVED EQUAL LUBRICANT.
2. FOR COMPLETE SPECIFICATIONS ON MACHINING, CLEANING, VACUUM REQUIREMENTS, TESTING AND DELIVERY PREPARATION, SEE ANL DOCUMENT #410201-00095.
3. FOR COMPLETE BRAZING SPECIFICATIONS, SEE ANL DOCUMENT #AMS 2664E.
4. DIMENSIONS IN BRACKETS [ ] ARE MILLIMETERS.

1	DIMENSION 10.00 WAS 9.25	PJE	CB	05/94
1	DIMENSION 8.90 WAS 8.07	PJE	CB	05/94
1	DIMENSION 7.70 WAS 6.89	PJE	CB	05/94
1	ITEM 2 - DESIGN CHANGE	PJE	CB	05/94
SYM	CHANGE DESCRIPTION	BY	CHKD	DATE
REVISIONS				

1

2	P4102010107-210201	BUSHING .625 O.D. x .87 LG.	304 STAINLESS STEEL	1
1	PHILLIPS SPECIAL ORDER	THERMOCOUPLE W/ STAINLESS STEEL SHEATH K-TYPE, Ø.059 [1.50] x 39.37 LG.	--	6

ITEM	DWG/PART NUMBER	NOMENCLATURE OR DESCRIPTION	MATERIAL / SPEC	QTY
PARTS LIST				
UNLESS OTHERWISE SPECIFIED, LOG NUMBER ALL DIMENSIONS ARE IN INCHES				
TOLERANCES				
DECIMALS ANGLES				
.1	± .030 [762]	± .25 °		
.XX	± .010 [254]			
.XXX	± .005 [127]			
SURFACE ROUGHNESS 125 ✓				
REMOVE ALL BURRS AND BREAK SHARP EDGES TO RAZ				
SURFACE FINISH TO BE IN ACCORDANCE WITH LATEST AMS 2642				
MATERIALS & TOLERANCES TO ACCOMPLY WITH LATEST AMS 2642				
DO NOT SCALE DRAWING				

DESIGNED BY PJE	DATE 6/93	CHECKED BY D. SHU	DATE 01/94
CHECKED BY C. BRITE	DATE 11/93	OP. LEADER T.M. KUZAY	DATE 01/94
DESIGNER C. BRITE	DATE 8/93	PROJECT MGR.	
RESPONSIBLE ENGINEER C. BRITE	DATE 11/93	APPROVED/RELEASED	

MATERIAL SEE PARTS LIST	SCALE 1:1	SHEET 1 of 1	DRAWING NUMBER P4102010107-210200-01
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THIS DRAWING IS THE PROPERTY OF  
**ARGONNE NATIONAL LABORATORY**  
**ADVANCED PHOTON SOURCE**  
F1-APS ID FILTER  
THERMOCOUPLE  
BRAZING ASSEMBLY  
FILTER 1